



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

re Application of:
Nagesh Mahanthappa

Serial No: 09/418,221

Filed: October 14, 1999

For: Neuroprotective Methods and
Reagents

Attorney Docket No. CIBT-P02-043

Art Unit: 1646

Examiner: M. Brannock

TECH CENTER 1600/2900

MAY 20 2003

RECEIVED

26/E
M.G.J
5/22/03
(NE)

CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8(a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date indicated below:

May 13, 2003

Date of Signature
and of Mail Deposit

Brent LaBarge

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REPLY UNDER 37 CFR 1.116

Sir:

This amendment is being filed in reply to the outstanding Office Action, mailed January 13, 2003, in connection with the above application. Please enter the following amendments:

IN THE CLAIMS:

For the convenience of the Examiner, all claims being examined, whether or not amended, are presented below.

Please cancel, without prejudice, claims 1, 20, 21, 23, 25 and 39.

3. **(Four Times Amended)** A method for the treatment of cerebral infarctions which comprises systemically administering to a patient in need thereof a *hedgehog* polypeptide in an amount effective to reduce cerebral infarct volume, wherein said *hedgehog* polypeptide comprises an amino acid sequence that (a) binds to a naturally occurring *patched* receptor and

OK To Enter by 5/13/03